	01 P E						
P	ATENTS ONLY (ref OG 7/28/92)						
0	To the Honorable Commissioner of Pate 101181673 Please record the attached original document						
(A) 1.	Name of Party(ies) conveying an 2. Name and Address of Party(ies) interest: receiving an interest:						
18.0	Shinichi SUZUKI; Tsunehiro TOBITA;HITACHI, LTD.Yoshitsugu ICHIEDA; Hiroyuki HODO6, Kanda Surugadai 4-chomeMihoko KUDOU; Tetsuo HIRAMITSU;Chiyoda-ku, Tokyo, JAPANHideki OSAKA; Tsutomu HARAChiyoda-ku, Tokyo, JAPAN						
3.	Description of the interest conveyed: <u>Assignment</u>						
Q 4.	. Application number(s) or patent number(s).						
6	Additional sheet attached? Yes XXX No						
	If this document is being filed together with a new application, the execution date of the application is:						
A.	Patent Application No.(s) B. Patent No.(s)						
	09/117,741						
5.	Name and address of party to whom correspondence concerning document should be mailed: Thomas E. Beall, Jr. BEALL LAW OFFICES 104 East Hume Avenue Alexandria, Virginia 22301						
6.	Number of applications and patents involved: <u>One</u>						
7.	<u><u><u>v</u></u></u>						
8.							
10/22/19	DO NOT USE THIS SPACE 10/22/1999 DNGUYEN 00000259 09117741						
01 FC:581	40.00 DP						
9.	Execution date of attached document: November 30, 1998						
10.	10. To the best of my knowledge and belief, I declare under penalty of perj under the laws of the United States of America that the foregoing infor is true and correct and that any attached copy is a true copy of the or document.						

Thomas Beal Jr. Ε.

Name of Person Signing

th. Signature

October 21, 1999 Date

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Total number of pages being submitted: 2

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PATENT REEL: 010320 FRAME: 0015

E2988-02 14

ASSIGNMENT (讓波証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to "INFORMATION PROCESSOR AND METHOD OF ITS COMPONENT ARRANGEMENT"

* U.S. Serial No. 09/117,741 filed on August 4, 1998

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed one even shares therewith and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

Signed on the date(s) indicated aside signatures :

	INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)		Witnesses (立会人サイン)	
1)	Shinichi Szaki (Shinichi SUZUKI)	November	30, 1998	Juko	(140
2)	Isunchino Jobita	November	30, 1998	Juko	(1.5 C
3)	(Tsunehiro TOBITA) Goshitugu Schuede	November	30, 1998	Juko	(120-
4)	(Yoshitsugu ICHIEDA) Horoyuki Hodo	November	30, 1998	Juko	Aso
5)	(Hiroyuki HODO) Mihoke Kudou	November	30, 1998	Juko	aro .
6)	(Mihoko KUDOU) Istruc Hisamitsu	November	30, 1998	Yuko	aso
7)	(Tetsuo HIRAMITSU)	November	30, 1998	Yuko	aro
8)	(Hideki OSAKA) Tsutomu Hura	November	30, 1998	Juko	aso
9)	(Tsutomu HARA)	<u></u>		<i>(</i>	
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10)					

PATENT REEL: 010320 FRAME: 0016

RECORDED: 10/21/1999